

IN THE UNITED STATES DISTRICT COURT FOR THE
NORTHERN DISTRICT OF OKLAHOMA

W. A. DREW EDMONDSON, in his)
capacity as ATTORNEY GENERAL)
OF THE STATE OF OKLAHOMA and)
OKLAHOMA SECRETARY OF THE)
ENVIRONMENT C. MILES TOLBERT,)
in his capacity as the)
TRUSTEE FOR NATURAL RESOURCES)
FOR THE STATE OF OKLAHOMA,)

Plaintiff,)

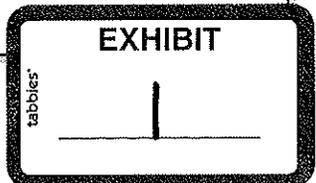
vs.)

4:05-CV-00329-TCK-SAJ

TYSON FOODS, INC., et al,)

Defendants.)

THE VIDEOTAPED DEPOSITION OF
ROGER OLSEN, PhD, produced as a witness on behalf
of the Defendants in the above styled and numbered
cause, taken on the 2nd day of February, 2008, in
the City of Tulsa, County of Tulsa, State of
Oklahoma, before me, Lisa A. Steinmeyer, a Certified
Shorthand Reporter, duly certified under and by
virtue of the laws of the State of Oklahoma.



1 poultry waste signature; correct?

2 A That's correct.

3 Q Okay. Sir, is your definitive poultry waste
4 signature unique to litter from farms under contract
5 with my clients?

09:14AM

6 A No. It represents the general composition and
7 specific composition of all the waste we've
8 measured. We've measured your concentrations in
9 waste in runoff from your fields.

10 Q Okay, but your signature when you look at the
11 environmental data does not allow you to determine
12 whether the contamination that you see in a sample
13 comes from litter from a farm under contract with
14 Tyson or George's or some other defendant; correct?

09:14AM

15 A That's correct. The signature alone does not
16 identify a specific defendant.

09:15AM

17 Q Sir, are you aware that there are in fact
18 differences between the composition of litter
19 originating under contract -- originating on farms
20 under contract with each of the various defendants
21 in this case?

09:15AM

22 A Very -- we've done complete analysis of litter
23 from all defendants, except for Cal-Maine and Willow
24 Brook, so we've looked at the chemical composition
25 of that, the major components and most of the senior

09:15AM

1 myself have taken on sites to determine essentially
2 the fate and transport through the environment and
3 determine in each component in the environment, you
4 know, what chemical composition and bacterial
5 composition is present. So we start with the
6 source, the litter here, and, again, we've analyzed
7 it in about 20 different samples.

09:22AM

8 Q 20 samples of poultry litter?

9 A Yes.

10 Q Okay.

09:22AM

11 A And all the defendants, except the two that I
12 already mentioned.

13 Q Cal-Maine and Willow Brook?

14 A That's exactly right.

15 Q You've analyzed no litter for Cal-Maine or
16 Willow Brook?

09:22AM

17 A That's right. So we have that chemical and
18 bacterial composition, so that's one compartment.

19 Okay. The next compartment is where it's placed on
20 the soil. So we looked at that next compartment on

09:22AM

21 fields and, again, we've looked at -- I think it's
22 about 60 different fields, and there's, you know,
23 two to four subareas per each of those fields, maybe
24 a little less fields, maybe 30 to 40 fields, and two
25 to four subcompartments on each of those fields and,

09:23AM